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MODIS.DATA.TEAM
bj: MODIS SDST MINUTES 06/26/92

DIS Science Data Support Team (SDST) Meeting Minutes 06/26/92

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XT MEETING: Date Time Building Room
Friday, July 10 10:00 am 22 G95

TE: THERE WILL BE NO MODIS SDST MEETING ON FRIDAY, JULY 3, 1992

PICS:

MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley summarized the MAS formance during the Atlantic Stratocumulus Transition periment (ASTEX) from May 29 to June 23, 1992. As of June 23 flights had been completed, and three or four more were ected to be made. The MAS generally performed well, except for early flights where the Exabyte recorder failed.

Field Data System (FDS) hardware was delayed in customs in bon, but the software was run successfully on borrowed dware, thanks to the GSFC CALS group. The system was used to racterize the performance of the MAS. MAS image data, based on six most significant bits, were viewed using a system eloped by Ted Hildum at Ames for the EO camera. Saturation in MAS visible/near-IR channels was detected using this system. en the FDS hardware arrived, the PC would not boot. The Exabyte ve was attached to a PC borrowed from the Ames Sensor Shop, and system was used to monitor changes in sensitivity going from e off to cruise altitude. Plots of these results are included he handout. The main issues addressed in the field were:

saturation and clipping in the visible and near-IR channels,
temperature range and sensitivity of the IR channels,
temperature stability of the IR channels,
noise estimates in all channels,
performance of the new 13.186 and 13.952 micron channels.

field data support for MAS during ASTEX was very successful, nks to the skill and resourcefulness of the support team.

MODIS LEVEL-2 ALGORITHM INTEGRATION AND DEPENDENCIES: J.J. Pan
sented a detailed schedule for a typical algorithm integration
the Level-2 Processing Shell. The schedule was generated
ng Microsoft Project on the Mac.
flow diagrams based on higher level algorithm dependencies on
er MODIS data products were updated based on corrected data
ut requirements. Based on current information, some MODIS
orithms depend, either directly or indirectly, on the products
erated by several other MODIS algorithms.

MODIS TLCF PLAN: Lloyd Carpenter presented an updated version
he MODIS TLCF Plan. The plan will be sent to the MODIS
ence Team Members for comments and for the addition of
ormation on Team Members Science Computing Facilities (SCFs),
luding the MODIS Oceans Team Computing Facility (MOTCF) at
ami. The MODIS Software and Data Management Plan will also be
t to the TMs for review and comments.

TION ITEMS:

05/92 [Lloyd Carpenter] Update the Team Leader's Software and
a Management Plan. STATUS: Closed. Due Date: 07/10/92

05/92 [Lloyd Carpenter] Update the Team Leader's Science
nputing Facility Plan. STATUS: Closed. Due Date: 07/10/92

24/92 [J. J. Pan] Develop a detailed schedule for a typical
orithm integration into the Level-2 processing shell. (An
lated draft was included in the handout.) STATUS: Open. Due
e: 06/05/92

24/92 [Lloyd Carpenter & Team] Develop a staffing plan for the
omplishment of the tasks shown on the schedule. (The staffing
n depends upon the detailed schedules and staffing for the
el-1 and Level-2 work.) STATUS: Open. Due Date: 06/12/92

12/92 [Tom Goff] Develop separate detailed schedules using
crosoft Project for Level-1A and -1B software design and
elopment. (Preliminary results were included in the handout
presented at the meeting on 06/19/92.) STATUS: Open. Due
e: 07/10/92

24/92 [Lloyd Carpenter] Develop a system for collecting time
ping data for the SDST effort. (An updated system was included
he handout and presented at the meeting.) STATUS: Open. Due
e: 06/26/92